

Technical Datasheet

Product Name	VivaSol 2046
Product Code	200000684
CAS Registry Number	64742-81-0
Description	VivaSol 2046 is a purpose made, narrow boiling range, high flash point solvent widely used in the mining industry and for a range of cleaning applications.

Sales Specification

Property	Method	Unit	Minimum	Maximum
Appearance	Visual	Clear & Free From Suspended Matter		
Colour, Saybolt	ASTM D6045	-	20	
Density at 15°C	ASTM D4052	kg/L	0.800	0.830
Distillation, IBP	ASTM D86	°C	195	
Distillation, FBP	ASTM D86	°C	225	250
Flash Point, PMCC	ASTM D93	°C	75	
Aniline Point	ASTM D611	°C	58	69

Typical Properties

Property	Method	Unit	Value
Colour, Saybolt	ASTM D6045	-	27
Density at 15°C	ASTM D4052	kg/L	0.809
Distillation, IBP	ASTM D86	°C	202
Distillation, FBP	ASTM D86	°C	238
Relative Evaporation Rate (nBuAc = 1)	ASTM D3539	-	0.01
Paraffins	GC	% m/m	69
Naphthenes	GC	% m/m	14
Aromatics	GC	% m/m	17
Flash Point, PMCC	ASTM D93	°C	78
Aniline Point	ASTM D611	°C	64
Surface Tension at 20°C	ASTM D971	mN/m	26
Viscosity at 25°C	ASTM D445	cSt	2.0
Hildebrand Solubility Parameter	-	(cal/cm ³) ^{1/2}	7.8
Electrical Conductivity at 23°C	ASTM D2624	pS/m	100

Test Methods

Copies of copyrighted test methods can be obtained from the issuing organisations:

American Society for Testing and Materials (ASTM): www.astm.org

Note: For routine quality control analyses, local test methods may be applied that are different from those mentioned in this datasheet. Such methods have been validated and can be obtained from Viva Energy.

Quality

VivaSol 2046 does not contain detectable quantities of heavy metals or chlorinated compounds.

Storage and Handling

Provided proper storage and handling precautions are taken we would expect VivaSol 2046 to be technically stable for at least 12 months. For detailed advice on Storage and Handling please refer to the Safety Data Sheet at www.vivaenergy.com.au/services/sds.

Hazard Information

For detailed Hazard Information please refer to the Safety Data Sheet at www.vivaenergy.com.au/services/sds.

Warranty

All products purchased or supplied by Viva Energy are subject to terms and conditions set out in the contract, order acknowledgment and/or bill of lading. Viva Energy warrant that their product will meet those specifications designated as such herein or in other publications. All other information including that herein, supplied by Viva Energy is considered accurate but is furnished upon the express condition that the customer shall make its own assessment to determine the products' suitability for a particular purpose. Viva Energy make no other warranty either expressed or implied, regarding such other information, the data upon which the same is based, or the results to be obtained from use thereof; that any products shall be merchantable or fit for any purpose; or that the use of such other information or product will not infringe any patent.